

In the Abstract:

Please replace the current Abstract with the following new Abstract:

--A coating method ~~for a internal member having holes of forming~~
a coating film of ceramic material on a surface of an internal
member disposed in a vacuum processing apparatus ~~is provided.~~
~~The method includes a process,~~ the surface of the internal member
having holes formed therein. The method involves: (A) ~~of filling~~
~~small the~~ holes 78 of the internal member 81 with padding plugs
20, each of which has a core member 22 made from a metal
material and a metal-resin composite layer 24 covering the
circumferential surface of the core member 22, the metal-resin
composite layer 24 being a complex ~~consisting~~ composed of a
metal material and a resinous material exhibiting nonconjugative
property to a coating film 80;
~~a process (B) of forming the a~~
ceramic coating film 80 on the surface of the internal member 81
by plasma spraying after ~~the process step~~ (A); and ~~a process (C) of~~
extracting the padding plugs 20 out of the holes 78 after ~~the~~
~~process step~~ (B). ~~By this coating method, it becomes possible to~~
~~solve various problems about the technique of filling the holes with~~
~~the pudding plugs, so that a coating film superior in its quality~~
~~performance can be produced effectively.~~ --